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Attorney Docket No.: 20054-001110US

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **MOLECULAR INTERACTIONS IN HEMATOPOIETIC CELLS** the specification of which was filed on October 13, 2000 as Application No. 09/688,017.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

**Prior Foreign Application(s)**

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/196,460	April 11, 2000
60/196,528	April 11, 2000
60/196,527	April 11, 2000
60/196,267	April 11, 2000
60/182,296	February 14, 2000
60/176,195	January 14, 2000
60/170,453	December 13, 1999
60/162,498	October 29, 1999
60/160,860	October 21, 1999
60/134,118	May 14, 1999
60/134,117	May 14, 1999
60/134,114	May 14, 1999

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/570,118	May 12, 2000	Pending
09/570,364	May 12, 2000	Pending
09/569,525	May 12, 2000	Pending
09/547,276	April 11, 2000	Pending

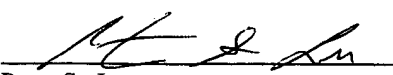
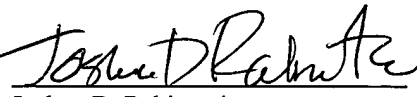
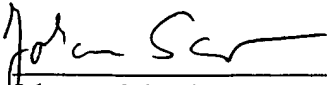
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

William M. Smith, Reg. No. 30,223  
 Randolph T. Apple, Reg. No. 36,429  
 Romy Celli, Reg. No. 42,397  
 Karen B. Dow, Reg. No. 29,684  
 Joe Liebeschuetz, Reg. No. 37,505  
 Jeffrey A. McKinney, Reg. No. 43,795  
 Andrew T. Serafini, Reg. No. 41,303  
 Hugh Wang, Reg. No. P-47,163

Send Correspondence to: <b>Randolph T. Apple</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8<sup>th</sup> Floor</b> <b>San Francisco, California 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Randolph T. Apple</b> Reg. No.: <b>36,429</b> Telephone: <b>650-326-2400</b>
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Full Name of Inventor 1:	Last Name: <b>LU</b>	First Name: <b>PETER</b>	Middle Name or Initial: <b>S.</b>	
Residence & Citizenship:	City: <b>Mountain View</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
Post Office Address:	Post Office Address: <b>99 East Middlefield Road, No. 29</b>	City: <b>Mountain View</b>	State/Country: <b>California</b>	Postal Code: <b>94043</b>
Full Name of Inventor 2:	Last Name: <b>RABINOWITZ</b>	First Name: <b>JOSHUA</b>	Middle Name or Initial: <b>D.</b>	
Residence & Citizenship:	City: <b>Mountain View</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>United States</b>	
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Full Name of Inventor 3:	Last Name: <b>SCHWEIZER</b>	First Name: <b>JOHANNES</b>	Middle Name or Initial:	
Residence & Citizenship:	City: <b>Mountain View</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Germany</b>	
Post Office Address:	Post Office Address: <b>284 Tyrella Avenue, No. 17</b>	City: <b>Mountain View</b>	State/Country: <b>California</b>	Postal Code: <b>94043</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Peter S. Lu	Signature of Inventor 2  Joshua D. Rabinowitz	Signature of Inventor 3  Johannes Schweizer
Date Jan 10, 2001	Date 1-15-01	Date 01-15-01

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Atty. Docket No. 020054-001110

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**  
(37 CFR 1.9(f) & 1.27(c)) - SMALL BUSINESS CONCERN

Applicant or Patentee: Peter S. Lu  
Application or Patent No.: 09/688,017  
Filed or Issued: October 13, 2000  
Title: Molecular Interactions in Hematopoietic Cells

I hereby declare that I am:

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: Arbor Vita Corporation  
Address of Small Business Concern: 772 Lucerne Drive, Sunnyvale, CA 94086

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled **Molecular Interactions in Hematopoietic Cells** by inventor(s) **Lu, et al.** described in:

- ☐ the specification filed herewith.  
☒ Application No. 09/688,017, filed October 13, 2000.  
☐ Patent No. \_\_\_\_\_, issued \_\_\_\_\_.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern that would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name \_\_\_\_\_  
Address \_\_\_\_\_

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

Name \_\_\_\_\_  
Address \_\_\_\_\_

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing: Peter Lu  
Title of Person if Other than Owner: President and CEO  
Address of Person Signing: 772 Lucerne Drive, Sunnyvale, CA 94086

SIGNATURE  DATE Jan 10, 2001